

A Record of
Continuous News Service
For 48 Years



Official
Undergraduate News Organ
of M. I. T.

Vol. XLIX—No. 49

CAMBRIDGE, MASS., MONDAY, OCTOBER 7, 1929

Price Five Cents

ROBERT BOWIE TO REPLACE MEANIX AS FIELD COACH

New Coach Comes to Tech-
nology With Much Experi-
ence in Athletics

Mr. Robert Bowie of Milton will succeed Ex-Coach Meanix in rounding the field event men of the track squad into shape for the coming season. He comes to Technology after many years association with track and other sports. For a number of years he has been manager of the Athletic Committee of the Boston Caledonian Club and is at present the President of the club.

Has Much Experience

In 1910 Coach Bowie started his coaching career when he took the athletes of Colgate University under his tutelage. He has been interested in athletics for over twenty-five years now, and at times approaches fanaticism in his keenness for sports. As an amateur he ran the half-mile and the mile with a considerable degree of success. Later in life, competing as a professional Bowie was proficient in both the hammer throw and the pole vault.

Coach Bowie has already started practice for the men interested in field events and will be present to interview new men at the track rally to be held next Monday afternoon.

Series of Eight Water Colors to Feature Review

Alumni Monthly Plans Many
New Improvements in Issues
Of This Year

Among many other notable features of the Technology Review this year will be a series of eight water colors which are to be reproduced on the covers of the season's issues. Faithfully done by the four color process, these covers will constitute a genuine contribution to the graphic arts. The group includes two water colors by Professor Jacques Carlu, and one by Nelson C. Chase '17, instructor in the Department of Architecture.

Nor do the improvements cease with the new covers. Within, the new reviews will be as interesting as on the outside. A new type of paper will be used for text pages, a paper especially made for the Review by the S. D. Warren Company, and designed to give superlative half-tone reproduction. The issues will contain more pages than previously, and the editorial program includes many articles written by engineers, scientists, and professional writers.

The November issue, which will be on sale October 27, includes an article "A Billion Wild Horses," by Stuart Chase '10, author of "Your Money's Worth" and "Men and Machines." In addition, George C. Wales '89 will write on his etchings and lithographs of the sea. Dr. James A. Tobey '15, Sanitarian and Biologist, will write on "Forestalling Death" and Professor William Hovgaard will write on "Reduction of Naval Armaments."

The usual departments will be continued this year, and will include Books, Trend of Affairs, (a review of current developments in Science and engineering) and the Institute Gazette.

Dorm Frosh All Aquiver Over Meeting Tonight

At last the dreaded moment has arrived. This evening from seven o'clock until eight, all dorm freshmen will gather in the Ware Lounge for the first get-together of the year. There they will get an introduction to the proper manner for freshmen to assume in the dormitories, to the institute songs and cheers, and to the unhappy fate which awaits he who is late or who fails to come. With the exception of these poor unfortunate, a good time will be had by all, so, freshmen, take heed, and get there in time to answer the roll. For those who fear to lose precious moments for study, let them remember, that for those who stay away, the fun has only begun at eight o'clock.

Tech Show Plans Smoker For New Men at Institute

Meeting on October 16 is Final
Date to Hand in Skits
For Production

Tech Show for 1930 will be launched at the annual smoker which will be held in Walker Memorial, October 16. At this time the contest for skits for the Show will close, and all men working on acts are urged to finish them as soon as possible. At the smoker a tentative program of events will be announced, as well as an outline of skits and acts that have been received by the management.

At this time only a limited number of skits have been turned in and it is hoped that more students will contribute something to the success of this year's Show. Skits may be written on such subjects as the following: Institute life, Horatio Alger stuff, Americana, Chauve Souris, Technology Co-eds, home or martial life, burlesque of well known play or movie, pantomime, or what have you?

This year two new ideas are being tried out. The first is to use original music in the production. In previous years the students wrote all the songs used and it is hoped that this year some original compositions will be available. The second idea is to use scenery made by the students themselves. Work along this line will be done at Rogers and plans are now under way to have regular school credit given for this work. Final arrangements will be announced at the Smoker.

At this time there are four positions open to Sophomores and four to freshmen. These are in the different fields of the Show; namely, backstage, managing, program, and publicity. In any of these there is ample opportunity for interesting work. Any men interested should come up to the Tech Show office, 301 Walker Memorial Building any night after 5 o'clock.

LARGE NUMBER AT THE TECH GATHERING

Members of Managing Board Outline Opportunities

THE TECH mass meeting which was held in the North Hall of Walker Memorial last Friday afternoon was attended by many Sophomores and freshmen interested in the work of the newspaper. Over 35 men were present who signified their intentions of coming out for the different departments of THE TECH.

D. Tullis Houston '30, General Manager made a few remarks about the general policy of the paper and the benefit obtained from working on it. He introduced the Business Manager, Gregory Smith '30 who outlined the work of the Advertising, Circulation, and Business Service Departments. He was followed by Carl Connable '30, the Managing Editor, who presented the work done in the news and sports department. The last speaker was Wilfred F. Howard '30, who explained the workings of the features and editorial department.

EDISON JUBILEE TO BE OBSERVED HERE

Technology will join in the nation wide celebration to be held on Monday, October 21, The Jubilee Anniversary of Edison's discovery of the electric light. The dedication of the Edison School of Technology in Detroit, founded by Henry Ford, will take place on this date.

Plans for the observance of the occasion at Technology include an extensive program of lighting for all the Institute buildings during the evening, and other features. The arrangements are not yet complete, but it is expected that further details will be available within a short time.

A. S. C. E. WILL HOLD MEETING AT STATER

Student members of the American Society of Civil Engineers are invited to the Convention of the Society which will be held on October 9 to 11 at the Hotel Statler. The technical and social meetings are open to all members of the organization. A program of the sessions can be seen on the bulletin board in building one.

ANNUAL ALL-TECHNOLOGY SMOKER TO TAKE PLACE IN WALKER MEMORIAL FRIDAY

First Sophomore Mass Meeting Is Scheduled Today

Plans for Field Day Will Be Discussed by Leaders Of Sports

Today the entire Sophomore class will hold its first meeting of the year at 5 o'clock in Room 10-250. The purpose is to discuss what shall be done with the freshmen on Field Day and to organize teams to oppose them. Every member of the 1932 class should be present.

Thomas H. Jenkins, President of the class, will preside at the assembly and will give the opening talk on the plans for Field Day which were made at the meeting of the class officers which was held Friday. Then representatives of the various sports will address the group.

Thomas E. Sears and Joseph B. Paul will encourage the men to come out for football and make a team which will do the same to the 1933 grid squad as did to the 1931 team. Freeman Fraim, the captain of the 1932 tug-of-war team will try to get his heavies back into shape and tell them of the practice hours. The crew and track teams will be made from those of the class who come out for the sports.

Since the frosh this year are 700 in number, the wearers of the red gloves in the glove fight will make definite plans of action which are necessary for all of them to know.

\$5000 Spent For Improvements In Central Library

Rubber Tipped Chairs and Padded Floor Installed to Lessen Noise

During the past summer more than \$5,000 was spent for alterations and improvements in the Institute Library. After a thorough investigation of the acoustics of the reading room by Prof. William A. Barss of the Physics Dept., it was decided that noises caused by the movement of chairs and the dropping of pencils could be reduced to a minimum by the installation of a rubber floor and by placing rubber tips on the chairs. Consequently these improvements were made.

The returned books can be placed on their proper shelf by the use of an electric booklift. This saves time and results in better service for the patrons of the library. Steel shelving is now used in place of the bookcases, which formerly were scattered around the walls of the reading room. In addition to this circulars have been sent out to all of the students advising them to make use of the conveniences that the library now has to offer.

TRACK SEASON OPENS WITH MEETING TODAY

Coaches Hedlund and Bowie To Address New Candidates

Although a number of men have been out practicing for the cross country team it is believed that there are still some men who for one reason or another have not yet reported. For their benefit and to interest new men in both track and cross country a meeting will be held in Hangar Gym this afternoon at five o'clock.

Coach Hedlund has already spoken to a number of men both around the campus and at camp Massapoag. He realizes that all men interested cannot be reached in this way and for the purpose of introducing these new men to track at Technology has scheduled this rally. Coach Hedlund, Field coach Bowie and Manager Fish will address the candidates. All men interested in track, whether they have previous experience or not, are urged to attend the meeting.



JOHN O. HOLDEN '24

John O. Holden '24 Made New Alumni Secretary July 1st

Technology Review Office Has Handled Business for One Year

John O. Holden '24 was chosen to the position of secretary of the Alumni this summer and took office on July 1. He succeeds Orville B. Denison '11 who assumed the duties of the office until a year ago. Since that time the Technology Review has been handling the business of the Alumni.

Mr. Holden, the year following his graduation, was an assistant in the Department of Economics under Prof. Erwin H. Schell '12. He did valuable work for the Alumni Council and has been active in handling alumni dinners and meetings, especially the last 5 year reunion which was held in 1925.

At present Mr. Holden is in the Boston Sales office of the Detroit Steel Products Company, having been with the Santos Company previously. This man was selected because of his familiarity with the Institute activities and his ability to carry the Association's work on a part-time basis.

J. R. Killian, Jr., '26, Managing Editor of the Technology Review has been chosen as treasurer for the Association. Formerly the secretaryship and treasurership were the duty of one man, but at the meeting in May of the Council the office was split into the two positions. The collection of dues will remain in the hands of the Circulation Department of the Review.

NETMEN PLAN FIRST DOUBLES TOURNEY

Limited Number of Players Will Be Permitted to Enter

For the first time in the history of Technology a doubles tournament will be held this year in connection with the Annual Fall Tennis Tournament. This will be played in accordance with the U. S. L. T. A. rules and will be open to all students at the Institute. It will start as soon as possible, probably about the latter part of this week.

Owing to the difficulty in handling a large number of teams in a doubles tournament the number of entrants will be strictly held to sixty-four men, or thirty-two teams. Since Thursday has been named as the last day for sign-ups, the first thirty-two teams entered at or before that time will be admitted to the competition.

There are an unusually large number of good tennis players at M. I. T. this year, as evidenced by the extent to which the courts have been used since school started. With this extension of the program of the Fall Tournament, it should be a great source of interest. Tennis is growing in popularity, and it is such activities as this that serve to develop the men and strengthen the Varsity teams for the Spring season.

PROGRAM STARTS WITH FREE MEAL FOR ALL NEW MEN

Sports Exhibition and Vaude- ville Acts Included in Eve- nings Entertainment

FREE SMOKES FOR ALL Technique Cup to be Awarded To Highest Point Scorer Of Track Team

Free smokes and dinners, snappy vaudeville acts, interesting speeches, side-splitting movies, and valuable prizes are promised by the All-Technology Smoker Committee for the occasion of this annual event, which takes place on Friday evening in Walker Memorial. The plans for the affair are already being arranged and a definite program and entertainment will be decided upon within the next few days.

As is usual, the Smoker will start at 6:30 o'clock with the dinner in the Main Dining room for the freshmen and transfers. After the dinner the other classmen will come in, but they will not be allowed to enter before this time as this is to be a reception for the new men.

Speakers on the Activities

Immediately at the conclusion of the banquet the various activities at the Institute will be outlined and explained by several speakers. Student government, athletics, publications, Tech show, and the Musical Clubs will be the subjects of these short talks. After these are over the students will split up into groups, some to walk about the building inspecting the activity offices, and others to witness the sports program in the gymnasium. Those men interested in sports (Continued on Page 3)

PLAN TO HOLD FIELD DAY ON NOVEMBER 1

Committee Appointed to Take Charge of Struggle

Field Day, the day on which Sophomores and freshmen annually battle for supremacy at the Institute, is scheduled to be held this year on Friday, November 1. Practice will soon be begun by both classes for the various teams that will participate in the struggle.

Field Day is opened by a crew race which is usually held in the morning. This is followed, after classes are dismissed at noon, by a relay race, football game, and tug-of-war. The day's hostilities are then climaxed by the glove fight in which all members of the warring classes are given an opportunity to take part.

At the meeting of the Institute Committee held last Thursday, the following committee was appointed to take charge of this event. This committee is composed of James B. Fisk '31, chairman; Horace S. Ford, Jr., Harold P. Champlain, Robert T. Leadbetter, John H. Genrich, O. Glenn Goodhand, Robert S. Backus, of the Class of 1931; Thomas H. Jenkins, Robert D. Butler, John M. Kimble, Arthur N. Rinehimer, Richard R. Hall, Henry E. Worcester, Thomas E. Sears, Otway E. Rash, George H. Johnston, Francis S. Chambers, Donald B. Gilman, Joseph B. Paul, William F. Spreen, Russell C. Pratt, Thomas B. Rhines, of the Class of 1932.

Students Chosen to Enforce 1933 Rules

The members of the Freshman Rules Committee are as follows: Theodore A. Riehl '30, chairman; Horace S. Ford, Jr., Harold P. Champlain, Robert T. Leadbetter, John H. Genrich, O. Glenn Goodhand, Robert S. Backus, of the Class of 1931; Thomas H. Jenkins, Robert D. Butler, John M. Kimble, Arthur N. Rinehimer, Richard R. Hall, Henry E. Worcester, Thomas E. Sears, Otway E. Rash, George H. Johnston, Francis S. Chambers, Donald B. Gilman, Joseph B. Paul, William F. Spreen, Russell C. Pratt, Thomas B. Rhines, of the Class of 1932.

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Organ of the
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MASCULINITY'S REFUGE

IN recent years there was an abundance of social activities at Technology which were attended in great numbers by the male student body. "Tech Night" at Jacob Wirth's was, in pre-war days, one of the high lights of the school year; the old "Circus" held forth its appeal, and not to be seen at this affair was to be practically ostracised socially. The old traditions of the "Cane Rush" and the parade across the bridge after Field Day activities were as much a part of Technology as Applied Mechanics.

Few of the old traditions have come down to us intact, preserving all the elements that have made them famous through the years, and among these is an event which is now close at hand—the All-Tech Smoker. Since time immemorial, in the eyes of the average undergraduate, have the "Smokers" afforded free refreshments and smokes, not to mention entertainment, and their popularity has not abated in the least.

Technology has always been boastful of its attendance at these affairs, as a survival of the good old days when the necessity of females was not so necessary for a man to enjoy himself. Now the presence of a member of the opposite sex is sometimes detected even at a "Smoker," usually taking refuge in the balcony. It is up to the student body to keep up the tradition, and not only to turn out en masse, but also to insure the absence of curious feminine gazes penetrating the smoke.

With memories of the olden days, when steins were raised to the tune of "Tis Beer That Makes The World Go 'Round," the student body will join in with Coach Haines, and one tradition, at least, will become the more mellow and cherished because it has remained unchanged since the year of its inauguration.

CALIBRATING BRAINS

DURING the first week of school, new students are apt to receive incorrect ideas of Technology. Instructors, in repeating the same advice to numerous classes are likely to stress some important points more than others. The result is that the new student is left at the end of the day with a wrong impression, a disagreeable impression of the object of the Institute.

It is easy for the first year man to harbor the idea that the only thing that counts in any course is the grade he makes. It is natural that he should reason in this vein. It is an error if he does. The first classes are necessarily taken up with explanations of the course and invariably the members of the class are told with great detail how the marks are figured and that that particular course is not easy to pass. The new men do not realize that such explanation is given not with the aim of emphasizing unduly the importance of marks, but in order to stem the avalanche of questions that would otherwise descend upon the professors within a few weeks.

No one can over-emphasize the necessity of honest labor, if success is to be attained. Technology, however, has not grown from "a struggling technical school to a great scientific university" by ballyhooing the subject of grades and considering them first, last and always. Its growth has had greatest impetus from those who forget themselves completely (grades included) in the eagerness and absorption of their quest for facts.

When the various systems of grading were first introduced into colleges they were probably all instigated to enable each student to check his own advancement. But the need of knowledge developed faster than the means of bartering it and the result is that grading has become a system which is practically a means of eliminating the less proficient so as not to retard those more competent. And of course, this is very well.

But no scheme of grading has yet been devised to measure the benefits a student receives from his new environment. Social, cultural, and scientific development cannot be calibrated, and these are, in the last analysis, the true indications of success. Grades count for a good deal at this institution, but the man himself counts for more.

As We Like It

THE METROPOLITAN

Old Sophie Tucker plays the star role in the Met's offering this week, Warner Brothers' "Honky-Tonk." In it she is the "last of the red hot mammas," but it is doubtful if many would go into mourning over the demise of the group, as exemplified by its survivor.

It may be the Vitaphone was suffering from laryngitis, or it may be that the famous vaudevillienne's voice does not "take" well. In any event, with the possible exception of Sophie's own song, "Some One o' These Days," the vocal efforts are far from good.

A tearful "sob-story" of the martyr mother who sings in a night club furnishes the plot. Unsuspecting of her mother's sacrifices, the daughter is unappreciative—the same old line. Everything comes out well in the end, of course, and the proper nuptials are performed, with all the cast happy. Sophie Tucker is well cast as a mother—her many years on the stage make her attempts at "hot stuff" too obese to be at all convincing.

However, the stage production is good. Rubinoff, with a flesh and blood orchestra, is a relief after the movietone. His medley of Romberg's compositions is excellent, including as it does successes from many recent musical shows.

Titled "Song Shop," the show is a pleasingly staged attraction. Against a cleverly designed back drop, a group

of star vaudeville entertainers give the audience real enjoyment. The troupe includes Hal Sherman, eccentric comedy dancer, a singing duo in the persons of Carlton and Bellew, and "The Faust Trio," who give a creditable performance of the "Prison Scene" from the Grand Opera "Faust." The usually good chorus which performs at the Met again adds color and harmony to the evening.

Automobiles have deleterious effect on the health of both young men and women students, according to a report circulated by the Dean of Oregon University. Since the University forbade its students to operate or ride in automobiles during the college year, there has been a decided improvement in the general condition of students of both sexes. The harmfulness of automobiles is said to arise from the fact that they are an inducement for the student to keep late hours and neglect his school work.



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Play Directory

THE STAGE

MAJESTIC: "FOLLOW THRU." Snappy, humorous, and some exceptional song hits.

SCHUBERT: "ANIMAL CRACKERS." Continual gales of laughter invoked in that way peculiar to the Marx Brothers.

PLYMOUTH: "A TAILOR MADE MAN."

Really good and worth while seeing—a revival of the old success.

APOLLO: "HARLEM."

Startling and different.

WILBUR: "COURAGE."

Real suspense intermingled with good comedy.

QUINCY THEATRE: "STRANGE INTERLUDE."

One of Eugene O'Neill's finest.

COPLEY: "THE CROOKED BILLET."

Blood curdling and packed with suspense.

REPERTORY: "THE WINTER'S TALE."

The usual Shakesperian drama rendered by a youthful and talented cast.

THE SCREEN

METROPOLITAN: "HONKY-TONK."

REVIEWED IN THIS ISSUE.

LOEW'S STATE: "THREE LIVE GHOSTS."

Good comedy with the War as a background.

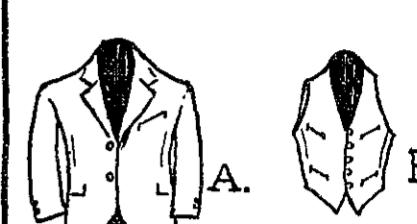
FENWAY: "JEALOUSY."

Jeanne Eagels at her best.

B. F. KEITH'S: "THE COCKEYED WORLD."

Harks back to "What Price Glory" but suffers by comparison.

A prince among mascots is Bananas the pet bear up at the University of Maine. This versatile animal, a recent donation of one of the neighboring merchants, is the twelfth member of his illustrious line. A "meal ticket fund" for the upkeep of the bear is being raised by the Student Senate, locally supported in their charitable undertaking by the student body and the faculty. The meal tickets take the form of blotters, which are being sold at twenty-five cents each; the entire proceeds to be used for the purpose of keeping the mascot in good health and spirits. Long live Bananas XII!



Here's the why and how of your need for one of our 4-piece sport suits:

A—You have a sack coat—

B—You have a vest—

C—You have a pair of long trousers, completing the usual outfit for general town and college wear. AND—

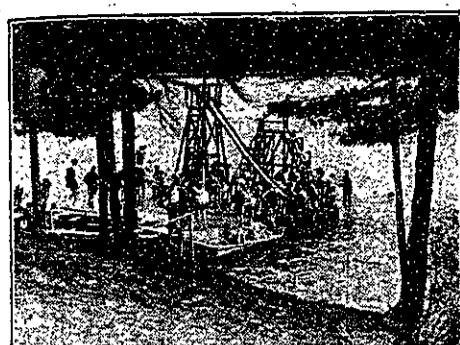
D—You also have a pair of knickers for sport usage.

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The prices are also arguments in the suit's favor—from \$50.

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View of M. I. T. Freshman Camp

ALL TECHNOLOGY SMOKER PROGRAM BEING ARRANGED

**Speeches, Songs, and Cheers
Interspersed Between
Various Numbers**

ALL STUDENTS INVITED

(Continued from Page 1)
will be enabled to see exhibitions put on by the Varsity boxing, wrestling, fencing, and gym teams.

The sports program will be followed by the rest of the entertainment in the Dining Hall. At that time the presentation of the Technique Cup, which is given annually to the track man still at the Institute who has scored the most number of points in intercollegiate track meet competitions last year, will be made.

Award Schwartz Medal

The Technique Award will be followed by the presentation of the Schwartz medal to the man who has been adjudged the best athletic manager of the past year. The secret of who these two trophies are to be awarded to is never made known until the night of the banquet.

After these awards will come what is considered by most of the students to be the high light of the evening's entertainment, namely, the vaudeville and cabaret acts. The committee promises that this year a cleaner, funnier, and better show than ever before, will be put on. Last year, the acts did not go over so well and the men voiced their opinion of them, much to the discomfiture and embarrassment of the performers. However, this provided more amusement for the listeners who continually took them for a "ride." After the vaudeville acts a movie of some comical nature will be shown.

During the evening's program interspersed between the various numbers the men will be led in songs and cheers, which includes many of the songs made popular within the past few years at Technology.

PROF. ROGERS WILL TALK ON LIBERALS

Prof. Robert E. Rogers will address the first meeting of the Liberal Club which will take place tomorrow at 4 o'clock in Room 4-270. The subject that has been chosen in "Why is a Liberal?" and the meeting is open to everyone as is the custom. It is expected that many will be present due to the popular interest which has arisen in the speaker of late.

Sports Desk

Due to the fact that the Institute year began later than usual this Fall, several of the teams will be forced to shorten their schedules. The cross-country men require considerable time to get into proper condition for the six-mile grind that faces them. In view of this fact Coach Hedlund has limited his program to two dual meets and two intercollegiates.

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ALLSTON
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Nearest Walton's Restaurants to
TECHNOLOGY, are
78 MASS. AVENUE
1080 BOYLSTON STREET

Committee to Gather Opinion of Courses

The members of the Student Curriculum Committee who were approved at the first Institute Committee meeting are as follows:
D. Tullis Houston '30, chairman.
Wilfred F. Howard '30
Charles C. Ladd '30
Theodore A. Rich '30
O. Glenn Goodhand '31
Edward B. Hubbard '31

On October 26 Holy Cross will come to Franklin Park to meet the Engineer harriers. Two weeks from that date Technology will be the host to the New Hampshire Wildcats. Both meets will tax the power of our hill-and-daleys to the limit, if past performances mean anything.

November 18 will find Captain Thorsen and his men making a great effort to carry the Cardinal and Gray across the tape ahead of the best harriers in the New England colleges. This meet will be held at Franklin Park also. The following week the squad will make their annual crusade to Van Cortlandt Park to tear up the turf with the leading college runners in the country.

The crew candidates are already beginning to discover the frigid nature of New England waters in the early autumn. Soon they will have to make their daily trip to the Boathouse in the early morning hours, in order to get every possible advantage of outdoor practice before Boreas drives them in to the rowing machines.

The large number of veterans and eligibles of last year who have reported to Coach Haines is very encouraging. Already several crews have been boated, and the Varsity competition this year promises to be a lively contest. The freshmen are



View of M. I. T. Freshman Camp

ambitious and enthusiastic, which augurs well for their chances in this division of the Field Day program.

Everyone looks with hope and expectation for the success of the men who are making their debut as coaches of M. I. T. sports. Robert Bowie, who will serve as aide to Coach Hedlund

in the position of field events mentor left vacant by Bill Meanix, will have a difficult mission. Field events at M. I. T. have suffered a decided slump in the past few years, and he has little exceptional material to strengthen his department. Benjamin and Grondal will be a great help to him in the high jump and weight events respectively. Mr. Bowie has had much experience in coaching, and we have great faith in his ability to produce good results.

Jay Ricks, who comes to us from Oklahoma Aggies, is a past-master of the art of wrestling as it is done in the West with great success. He has a full bag of tricks which he will teach to the Engineers. This year M. I. T. has an able bunch of wrestlers who should provide fertile ground for the teachings of the new coach.

Chick Dolben returns to the Institute in a new role but a familiar field of activity. He knows crew from be-

ginning to end, having rowed for the Cardinal and Gray many times. He has a promising bunch of freshmen under his care, and will do his best to help them follow the example set by the two previous yearling crews.

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NOTICES - ANNOUNCEMENTS

Of General Interest

Hydraulic Turbines

Monday, October 7, 2 P. M., Room 1-190

Dr. Ing. D. Thoma, Professor of Hydraulics, Water Power Machinery and Water Power Plants, and Director of the Hydraulic Institute at the Technische Hochschule of Munich, Germany, is presenting a series of illustrated lectures on Hydraulic Turbines and Related Subjects in Water Power Plant Design. The topic of his third lecture will be "Methods of improving the Shape of Blades of Turbines and Centrifugal Pumps." The lecture will be illustrated by moving and still pictures.

The lecture is open to students and members of the instructing staff.

CALENDAR

Monday, October 7

5:00—Meeting of Sophomore Class, Room 10-250.
5:00—Meeting Combined Musical Clubs, Room 5-330.
7:00—Meeting of Dormitory freshmen in Ware Lounge.

Tuesday, October 8

4:00—Liberal Club meeting, Room 4-270.

Wednesday, October 9

5:00—T. E. N. Smoker, West Lounge, Walker Memorial.
6:00—Tech Catholic Club dinner meeting, North Hall, Walker Memorial.
8:00—Menorah meeting, Faculty Dining Room.

Undergraduate

INSTRUMENTAL CLUB TRYOUTS

Tryouts for the Instrumental Club will be held at 5 o'clock tomorrow afternoon in the East Lounge of Walker Memorial. Anyone who plays any instrument is invited to be present.

NOTICE

Any students who have not yet received their blotters or handbooks which are given away by the T. C. A. should call at the office in the basement of the Walker Memorial and receive the same.

NOTICE

Freshman football candidates report at the Track House at 5:30 o'clock this afternoon for the first practice.

NOTICE

There will be a mass meeting of the Combined Musical Clubs this afternoon at 5 o'clock in Room 5-330. All men interested in trying out for the Banjo Club, Glee Club, Instrumental Club, the dance orchestra or in heeling the management are urged to be present.

IMPORTANT

All notices to be printed in THE TECH must be handed in at the News Room in the basement of Walker by 8 o'clock of the day preceding the day of the issue in which the notice is to be run. Notices telephoned to the printer's by persons not on the staff of this paper will not be printed.

R. O. T. C. BAND

The R. O. T. C. Band will practice between 4 and 5 o'clock on Mondays, Wednesdays and Fridays. The first rehearsal will be held in Room 5-330 this afternoon, at which time instruments and music will be issued.

Intercollegiates

A writer in the Stevens "Stute" traces the origin of soccer back to the time of good King Alfred when the Saxons drove the Danes from merry England. When these our warrior ancestors, returned to their native villages they brought back many Danish heads, and it became the popular sport of the times to kick these heads around. As the heads wore out they were gradually replaced with leather balls stuffed with grass. Thus the game of soccer was born. Only the nobles were allowed to play it, however, until the time of Richard III, who decided that the game was too rough for them. The sturdy yeomen then took up the game and became so proficient in kicking that they kicked Dick's brother, John, off the throne.

Since practically everyone has already signed up for the singles competition, the tennis management plans to get the Tournament under way two days earlier than they previously announced. Consequently, everyone who has not entered is requested to do so today without fail.

Medicine Men Give 550 Students the Once Over

Of all the departments in the Institute none has been burdened as much as the Medical Department by the increased registration. This one, however, instead of being engulfed in an almost hopeless problem of giving every student a physical examination, seems to have solved the difficulty in some remarkable way for to date over 550 men have been examined. This is many more than were finished at this time last year. Because of the large number of men yet to be examined the Medical Department wants all men to sign up for appointments as soon as possible.

WALKER MEMORIAL
BUILT IN 1917 BY
INSTITUTE ALUMNIBuilding Erected in Memory of
Ex-President Francis
Amasa Walker

CONTAINS RESTAURANT

Built in 1917 with funds provided by the alumni of the Institute, Walker Memorial Building has been for the last twelve years a place for the students to eat, play, study, and read, besides a center for all activities. The building is a monument to Francis Amasa Walker, one time president of Technology.

During the war the building was used as quarters for the aviators taking courses at the Institute. Ever since it was first opened it has been the meeting place of many societies and clubs both at school and around Boston. The East and West Lounge and the North Hall are commonly used for mass meetings by the different activities and organizations.

Walker contains the restaurant for the Institute. Here almost three thousand students are fed daily. Besides this, many dinners are given here by the different organizations. The Faculty Club gives their regular dinner meetings in the North Hall. Here also is held the All-Technology Smoker given in October to the freshmen.

The building contains many rooms where the students may find relaxation and play. In the basement is a pool room and five bowling alleys. Candy, ice cream, and drinks may be purchased here by hungry students. Signups for the tennis courts run in connection with the recreation rooms are made here. On the first floor are the restaurant and cafeteria, and two lounge and game rooms where students may find magazines, and newspapers.

On the second floor is the Faculty reading room, the library, a phonograph that the students may use, and a small dining room used for private dinners. The third floor contains three hand-ball courts and the gymnasium. The T. C. A., T. E. N. and THE TECH have offices in the basement of the building. Voo Doo, Technique, the M. I. T. A. A., Tech Show, THE TECH, and the Musical Clubs have their offices on the third floor.

SPIKES

On Saturday afternoon the Varsity and freshman cross country candidates worked out on the Tufts College course. Manager Fiske and Don Gilman led the Varsity men in improvement over the summer. This is the first time that Fiske has competed as a cross country runner although he has been out for track since his entrance at Technology. Among the freshmen who show promise are McKay, Payne, MacMahon, Marsters, and Damon. All five of these men are making a serious bid for berths on the freshman cross country team to take the field this fall.

The opening of the new Burris School at Muncie, Indiana, marks the realization of one of the biggest plans of Ball State Teachers College. The school includes kindergarten and the first nine grades, and will be used as an experimental school and for demonstration purposes on the campus of the Teachers College.

Members of M. I. T. A. A
For Season of 1929-30

The following is a list of the members of the M. I. T. A. A. for the season of 1929-30.

| Captain. | Manager |
|----------------------------------|-------------------|
| R. M. Nelson | R. H. Yates |
| Boxing | |
| P. J. Bolanos | L. A. Gallinari |
| Crew | |
| P. H. Holt | J. H. Genrich |
| Cross country | |
| L. S. Thorsen | A. Vorss |
| Fencing | |
| S. Deake | J. P. Tillinghast |
| Gym | |
| D. Q. Wells | C. Straley |
| Hockey | |
| W. E. Cullinan | P. A. Davis |
| Rifle | |
| R. G. Orielman | K. Clark |
| Soccer | |
| E. M. Hawkins, Jr. | R. S. Backus |
| Swimming | |
| P. Torchio | A. G. Dean |
| Tennis | |
| R. Ladd | H. S. Smith |
| Track | |
| Wrestling | |
| Golf | |
| R. H. Yates | E. J. Norris |
| Football | |
| Supv. Manager, E. R. Pierce, Jr. | |

Committees Picked to Take Charge
Of Annual All-Technology Smoker

The following is a list of the members of the various committees appointed for the All-Technology Smoker which will be held next Friday. Philetus H. Holt '30 is chairman and Theodore A. Riehl '30, Charles T. Abbott '30, Robert W. Reynolds '30, and James B. Holden '30 are assistants to the chairman.

ENTERTAINMENT COMMITTEE

| |
|---------------------------------|
| D. Tullis Houston '30, chairman |
| H. Sheldon Smith '31 |
| James B. Fisk '31 |
| Charles B. Bassinger '31 |
| Kenneth W. Smith '31 |
| Richard H. Yates '31 |
| W. Allan Vorce '31 |
| Thomas H. Jenkins '32 |
| Joseph B. Paul '32 |

PUBLICITY COMMITTEE

| |
|--------------------------------|
| Wilfred F. Howard '30 chairman |
| Ralph Davis '31 |
| John P. Elting '31 |
| Otway E. Rash '32 |

REFRESHMENT COMMITTEE

| |
|--------------------------------|
| Charles C. Ladd, '30, chairman |
| Robert T. Leadbetter '31 |
| O. Glenn Goodhand '31 |
| Lewis S. Morse '31 |
| Charles R. Wood '31 |
| Thomas E. Sears '32 |

SPEAKERS COMMITTEE

| |
|--------------------------------|
| Edgar M. Hawkins '30, chairman |
| Horace S. Ford '31 |
| John H. Genrich '31 |
| Henry E. Worcester '32 |

PROGRAM COMMITTEE

| |
|---------------------------------|
| Charles T. Dwight '30, chairman |
| Warren T. Dickinson '31 |
| Robert S. Backus '31 |
| Donald B. Gilman '32 |

TREASURER

Edwin R. Rowzee '30

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University World Cruise Arrives
At Glasgow for Purpose of StudyFirst Semester Will Include
Visits to University
Towns of Europe

One hundred students and professors, comprising the Third University World Cruise, arrived in Glasgow yesterday. They recently commenced a college year of seven months, during which they will encircle the globe. The first semester of three and one-half months will be devoted to a Grand Tour of Great Britain and the continent. The schedule includes visits to nine countries and seventy Old World towns and cities.

Long stays will be made at Oxford, Louvain, Grenoble, Geneva, Heidelberg, and other European university towns. Lectures, field trips, and examinations will be conducted at various points along the route. The advantages of the surroundings in each place that is visited will be utilized.

The second semester begins on January 11 at Naples aboard the S. S. Letitia, on which the students will visit every Eastern Mediterranean and Oriental land of importance. A special group of students will leave New York December 28th under the auspices of the en route service of the Plaza Hotel, New York, to join the first semester group in Naples for this world cruise.

Members of M. I. T. A. A
For Season of 1929-30

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| S. Deake | J. P. Tillinghast |
| Gym | |
| D. Q. Wells | C. Straley |
| Hockey | |
| W. E. Cullinan | P. A. Davis |
| Rifle | |
| R. G. Orielman | K. Clark |
| Soccer | |
| E. M. Hawkins, Jr. | R. S. Backus |
| Swimming | |
| P. Torchio | A. G. Dean |
| Tennis | |
| R. Ladd | H. S. Smith |
| Track | |
| Wrestling | |
| Golf | |
| R. H. Yates | E. J. Norris |
| Football | |
| Supv. Manager, E. R. Pierce, Jr. | |